

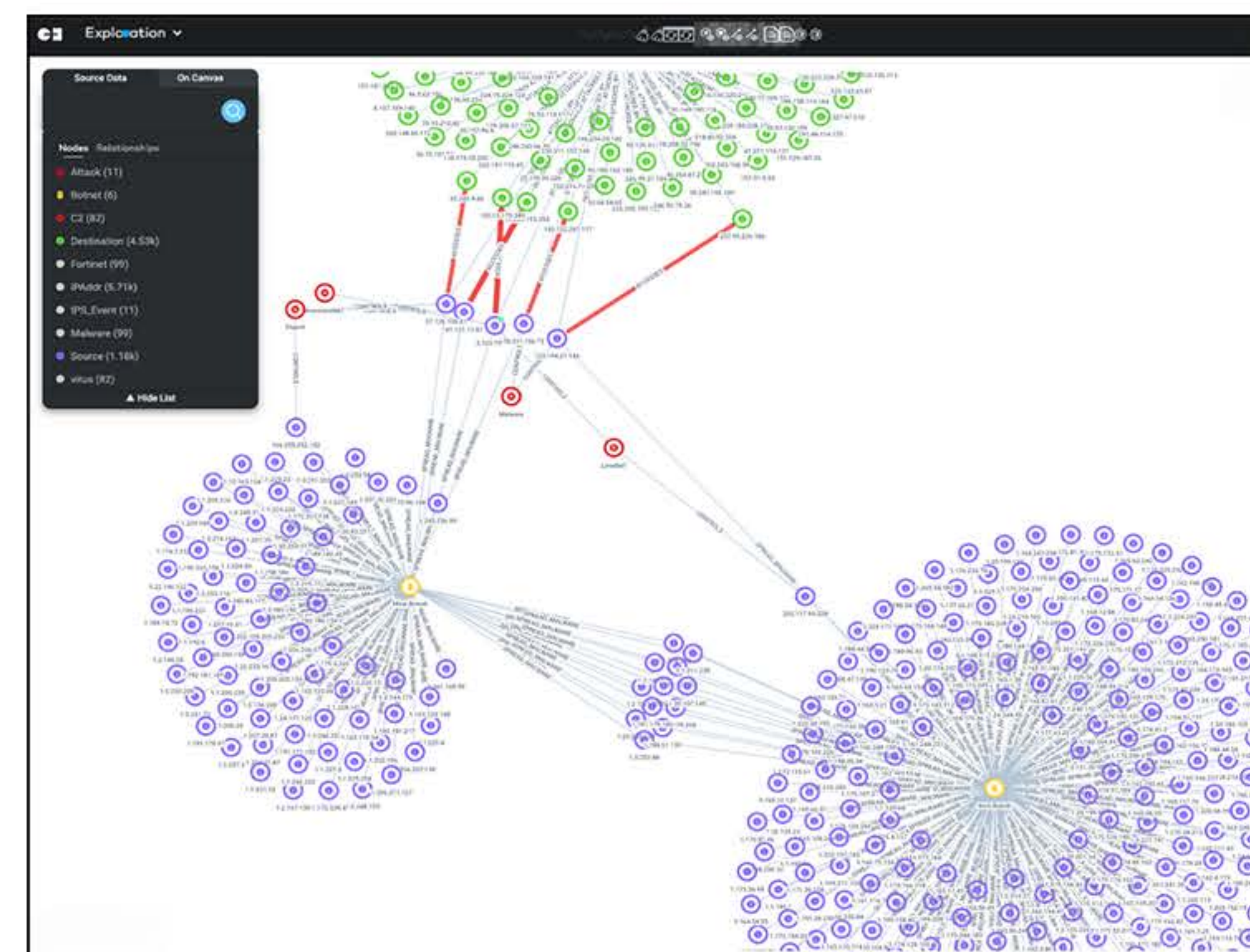


# Gemini Explore for Cybersecurity

Connect the dots to predict attacks, neutralize threats, and defend the network.

The current cybersecurity landscape is characterized by an increasingly complex and sophisticated array of threats. Cybercriminals, nation-states, and other threat actors are constantly evolving their tactics, techniques, and procedures to carry out targeted and large-scale attacks. Only a proactive and intelligence-driven approach that involves the integration of advanced security tools, automation, and collaboration will bring success.

**Gemini Explore for Cybersecurity** visualizes security data as a network of nodes and relationships to enhance real-time detection, improve incident response, and build resilience against the ever-evolving cyber threat landscape. Explore can be implemented throughout a cybersecurity unit from network security analysis, threat intelligence, and scenario planning to post-incident investigation and forensics. With a focus on ease-of-use and collaboration, teams can assess risks, detect threats, and respond to incidents more effectively.



USE CASES

 **NETWORK ANALYSIS**

 **THREAT INTELLIGENCE**

 **INVESTIGATION**

 **FORENSICS**

## Network Analysis with a Digital Twin

A digital twin of an organization's IT infrastructure is a transformative asset. By showing all of the connected devices, hardware applications, and associated data, a holistic view of an organization's network can be used to identify potential vulnerabilities and risks. This deeper understanding can answer questions like:

» What are the common vulnerabilities and exploits associated with a specific software or hardware components?

» Which systems or devices in the network are most susceptible to specific types of attacks?

» What is the potential impact of a security incident on the organization's critical assets, processes, and functions?

Gemini Explore enables security teams of all sizes to visualize the breadth and depth of their networks, for a greater understanding of vulnerabilities and risks, as well as to plan for future changes to the network and its impacts.

## Enhanced Threat Intelligence Through Visualization

The variety, volume, and sophistication of attacks to the network increase every day. Visualizing the connections between different entities, such as IP addresses, domain names, and email addresses can reveal a more comprehensive view of the constantly changing threat horizon. This allows teams to identify potential threats by understanding the relationships between bad actors, malware families, attack techniques, vulnerabilities, and affected systems.



This helps teams understand:

- How can known attack patterns be detected, mitigated, and prevented in the future?
- Could different security events or incidents that have occurred in the network be related?
- What are trends in the cybersecurity landscape, such as emerging threats, technologies, and regulatory requirements?

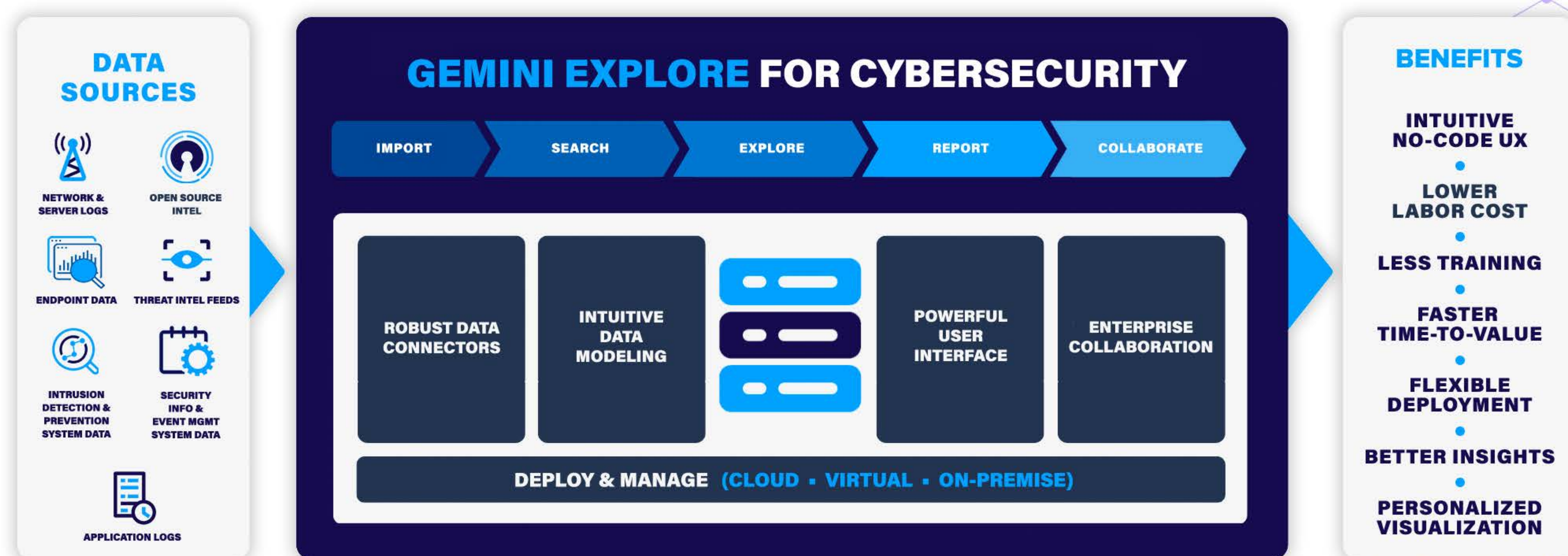
Gemini Explore provides a complete toolset for analysts and business users to understand and interpret the constantly changing threat ecosystem.

## Faster Response and Forensics

This approach can also assist in incident response and forensics by connecting the dots between security events, indicators of compromise, and affected systems. Organizations can develop targeted and effective response strategies to contain and remediate threats by understanding the relationships between different elements of an incident. This enables security teams to perform root cause analysis and complete analysis to see:

- What are the potential insider threats within an organization, and how can they be detected and prevented?
- What is the best way to illustrate and communicate recent incidents to the rest of the organization clearly and concisely?
- How can the security controls be optimized to enhance the organization's overall security posture?

Gemini Explore is a connected approach that provides significant advantages to organizations in incident response and forensics by facilitating the identification of insider threats, effective communication of recent incidents, and optimization of security controls to improve overall security posture.



## Let's Talk

Contact us today to learn more about how Gemini Explore for Cybersecurity can help you connect the dots to predict attacks, neutralize threats, and defend the network. Start a trial or learn more at [geminidata.com](https://geminidata.com)